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James Aragones

12/5/2007 Databases	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TD	i US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; I	USPAT, USOCR, FPRS, EPO, 3PO, DERWENT, IBM.	-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_T	T, USOCR, FPRS, EPO, JPO, DERWENT, IBM	FPRS; EPO; JPO; DERWENT; I	FPR	T; USOCR; FPRS; EPO; JPO; DERWENT; IBM_	; USPAT; USOCR; FPRS; EPO;	; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_	; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	T; USOCR; FPRS; EPO; JPO;	; FPRS; EPO; JPO;	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	, USPAT, USOCR, FPRS, EPO, JPO, DERWENT, IBM	; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_	USPAL; USOCK; FPKS; EPO; JPO; DEKWENI; IBM 1.0004 1.0000 1.00 1.00 0.00 0.00 0.00	USPAL; USOCK; FPRS; EPO; JPO; DEKWENI; IBM_	US-PGPUB; USPAT; USOCK; FPRS; EPO; JPO; DEKWENT; IBM_10B	FGTOB, USPAT, USOCK, PPAS, EPO, 3PO, DERWEINT, IBIM_ POBLIB: LISBAT: FISOCB: EPOS: EPO: 1807: DEBMENT: IBM_	, USPAT, USOCK, FPKS, EPO, JPO, DEKWENT, IBINI • LISPAT: LISOCR: EPPS: EPO: IPO: DERMENT: IBM	, OSFAT, USOCR, FFRS, EFO, JFO, DERWENT, IBM.	S-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM	USPAT, USOCR, FPRS, EPO, JPO, DERWENT, IBM	T; USOCR; FPRS; EPO; JPO; DERWENT;	; FPRS;	; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_	; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_	; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_	; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TD	o US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_	; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TD	US-PGPUB; USPAT; USOCK; FPKS; EPO; JPO; DEKWENT; IBM_TUB
Hits Search String	0 (aircraft near2 engine) or (combustion near2 engine)) with (service near2 (data or record or	507 ST and (service nears (data of record of imprimation)) 45 S3 and ((segment\$3 or group\$3 or classifv\$3 or classified or classification) near2 data)			100642 (service near2 (data or record or information))	257 S12 and (moving near2 window)				က		S3	61 S3 and (operating near2 condition)		•		2 and ((segment\$3 or group\$3 or classify\$3 or classified or classification) with (discrete	S3 and ((regression or correlation) near2 (para		n n		S12 and (trend with fault)		i SS and (pillicipal component analysis) A S3 and (validat€3 pear2 model)	ડે જ	S3 and (trend with fluctuation)		S1.		•					- •	S4 or S5 or S6 or S7 or S8 or S9 or S10 or S11 or S16 or S17 or S19 or S20 or S22 or S24	6 S3 and ((evaluat\$3 or verify\$3 or verification) with model)	26/ S38 or S40
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US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBMUS-PGPUB; USPAT; US	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM—US-PGPUB; USPAT; USP
S45 and (performance near2 (variable or parameter)) S46 or S47 or S48 or S49 or S50 or S51 or S52 or S53 or S54 or S55 or S56 or S58 or S60 S45 and ((heuristics or rule) with data) S45 and ((clean\$3 or preprocess\$3) near2 data) S45 and (trend with fluctuation) S45 and ("principal component analysis") S45 and ((regression or correlation) with "time series") S45 and ((regression or correlation) with trend) S45 and ((regression or correlation) with trend) S45 and (moving near2 window) S45 and ((regression or correlation) near2 (parameter or coefficient))	and	S45 and ((regression or correlation or statistical) near2 model) S45 and ((measurement or collection or recording) near2 time) S42 and (performance near2 (data or record or information)) ((aircraft or combustion or automobile or automotive or "gas turbine") near2 engine) near2 S45 and (engine near2 type) S43 or S44 S42 and (service near2 (data or record or information)) S70 and ((regression or correlation) near2 (model or analysis)) S70 and regression	
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Results of search set	S91:	Octobring Custons Open	Abstract
		Date	שופתע
20000191320	Mullialeration enfiancements for noise and operations management	1 73/13	
2006018/026	I racking system and associated method	4	
	System and Method for In-Vehicle Communications	_	
US 20060178898 A1	Unified event monitoring system	20060810 705/1	
US 20060168090 A1	Remote integrated subsystems in an aircraft or the like	20060727 709/208	
US 20060161453 A1	Authenticating prescriber identity to enable electronically ordering drug samples from a drug s	20060720 705/2	
US 20060158328 A1	Method and system for providing tracking services to locate an asset	20060720 340/539.13	
US 20060149456 A1	Method and system for fuel injector time delay installation	20060706 701/105	
US 20060143587 A1	Method and device for synthesising an electrical architecture	20060629 716/18	
US 20060136105 A1	Interactive data exchange system for vehicle maintenance scheduling and up-time optimizatic	20060622 701/30	
	System and method for displaying engine fault conditions in a vehicle		
US 20060119224 A1	THERMOACOUSTIC PIEZOELECTRIC GENERATOR	_	
_	Mobile floor cleaner data communication	20060518 340/540	
	Method and system for enhancing machine diagnostics aids using statistical feedback	20060504 702/183	
	Vehicles fault diagnostic systems and methods	20060427 701/29	
∞	Prioritized test procedure and step display using statistical feedback	20060420 701/29	
-	Method and system for providing tracking services to locate an asset		
20060069635	Method of buying or selling items and a user interface to facilitate the same		
20060065048	Sensor arrays based on electronic oscillators	0	
20060047630	Construction device information processing system and construction device information proce	2	
20060040711	Real-time analyst program for processing tog files from network elements	_	
20060025897	Sensor assemblies		
	Method and system for providing aggregate data access	· _	
20060010152	System and method for managing machine servicing including workscope generation		
20060010008	Card record sytem	7	
20060009916	Quantitative PCR data analysis system (QDAS)		
20060008809 A	Method for quantitative PCR data analysis system (QDAS)		
20050273218	System for obtaining vehicular information	œ	
20050267731	Container-based architecture for simulation of entities in a time domain	_	
20050266387	Answer collection and retrieval system governed by a pay-off meter	-	
20050265253	System and method for automatically determining a recommended committed information rati	_	
20050262237 A	Dynamic incident tracking and investigation in service monitors	20051124 709/224	
20050257604	Method and system for determining engine cylinder power level deviation from normal	+	
	Solar thermal aircraft	က	
20050240465	System and method for workforce requirements management	_	
20050234622	Steering control system and method	_	
20050216793	Method and apparatus for detecting abnormal behavior of enterprise software applications	თ	
20050216151	Telematic retrieval of vehicle performance information	_ `	
US 20050193810 A1	Method and system of determining life of turbocharger	20050908 /3/119K	
	DENISOR ASSERTABLES PEN/TRAC system TM FAA undrades for accountable remote and robotics control to stop the	- vc	
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ses us operating conditions thereof, program the g services to locate tem and methods vice for information	Telematics based programming gateway System and method for remotely analyzing machine performance System and method for remotely obtaining and managing machine data System and method for distributed reporting of machine performance METHOD AND SYSTEM FOR FUEL INJECTOR TIME DELAY INSTALLAT Asset system control arrangement and method Method and system for refining vending operations based on wireless data SYSTEM FOR TRACKING AND LOCATING AN OBJECT USING A CELLI METHOD FOR LOCATING AN ASSET	INFLUENCE OF ENGINE PARAMETERS ON CONDENSATION PROTECTION STRATEGIE Re-entry strategy from boost mode to EGR mode Conveyance scheduling and logistics system Conveyance scheduling and logistics system Method for control of washcoat distribution along channels of a particulate filter substrate Engine control and catalyst monitoring based on estimated catalyst gain Methods of returning a rental vehicle to a rental agency facility METHOD, SYSTEM AND COMPUTER PRODUCT FOR PERFORMING FAILURE MODE AN Telematics system Computer algorithm to estimate particulate filter regeneration rates Economic calculations in process control system SYSTEM AND METHOD FOR MEASURING QUALITY OF BASELINE MODELING TECHNIC	SYSTEM AND METHOD FOR DIAGNOSING FAULTS UTILIZING BASELINE MODELING TI SYSTEM AND METHOD FOR IMPROVING FAULTS UTILIZING BASELINE MODELS Wireless and powerless sensor and interrogator METHOD FOR RECONDITIONING A FRICTION COUPLE IN A SERVICE BRAKE AND A VI System and method for enabling the real time buying and selling of electricity generated by further and apparatus for monitoring and maintaining user-perceived quality of service in a control and apparatus for monitoring and maintaining user-perceived quality of service in a control and apparatus for monitoring and maintaining user-perceived quality of service in a control and apparatus for controlling a vehicular component Method and apparatus for controlling a vehicular component Method and control unit for determining the probability of failure of a motor-vehicle componer Equipment service vehicle with remote monitoring Steering control system and method Automated accounting system that values, controls, records and bills the uses of equipment Method and apparatus for locating faults in an optical network Managing system power Methods and apparatus for engine diagnostics System for dynamic diagnosis of apparatus operating conditions Computer aided maintenance and repair information system for equipment subject to regulate
S 2005017423 S 2005017170 S 2005013776 S 2005013163 S 2005012807 S 2005012511 S 200501531	S 20050090941 A S 20050085973 A S 20050083196 A S 20050081410 A S 20050046584 A S 20050046584 A S 20050024202 A S 20050024201 A	20050021218 A 20050021217 A 20040260470 A 20040249556 A 20040230498 A 20040225475 A 20040215382 A 20040204818 A 20040204775 A 20040172229 A	S 20040172228 A S 20040172227 A S 20040130442 A S 20040130211 A S 20040110044 A S 20040110044 A S 20040016454 A S 20040056766 A S 20040056766 A S 20040024502 A S 2003021118 A S 2003021118 A S 20030210908 A S 20030195720 A S 20030195720 A S 20030195681 A S 20030195681 A

20031002 20030925 20030921 20030821 20030821 20030821 20030821 20030821 20030710 20030710 20030710 20030710 20030710 20030710 20030711 2003020 2003020 2003020 2003020 200201107 20020919 200201107 20020418	20060725 310/311 20060718 701/108 20060523 701/46 20060523 73/118.1 with a c 20060516 703/2
	Thermoacoustic piezoelectric generator Influence of engine parameters on condensation protection strategies Influence of engine parameters on condensation protection strategies Telematics system Thermostat malfunction detecting system for engine cooling system Port trend analysis system and method for trending port burst information associated with a
US 20030187520 A1 US 20030182085 A1 US 20030158640 A1 US 20030158638 A1 US 20030158635 A1 US 20030158635 A1 US 20030158635 A1 US 20030158615 A1 US 20030120417 A1 US 20030120417 A1 US 20030095038 A1 US 20020111922 A1 US 20020111922 A1 US 200201115531 A1 US 200201115531 A1 US 20020046214 A1 US 20020046214 A1 US 20020046214 A1 US 20020045973 A1 US 20020045973 A1 US 20020035482 A1 US 20020035482 A1 US 20020035482 A1 US 20020035480 A1 US 20020035482 A1 US 20020035483 B2 US 7103460 B1	US 7081699 B2 US 7079938 B2 US 7050897 B2 US 7047799 B2 US 7047164 B1

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	System and method for integrating a plurality of diagnostic related information Method and system for analyzing biological response signal data	
Evaluation of respo	Evaluation of responses of participatory broadcast audience with prediction of winning contes.	20020903 463/17 20020319 701/115
Compression sense	Compression sense ignition system with fault mode detection and having improved capacitive	• •
Wireless spread sp	Wireless spread spectrum ground link-based aircraft data communication system for engine (Engine speed control with resume from idle or near idle	20020305 455/98 20020115 701/110
Energy managemer	Energy management system for automotive vehicle	ο Φ
Computer aided maintenance and	Computer aided maintenance and repair information system for equipment subject to regulate	20010918 707/104.1
Integrated automotiv	Integrated automotive service system and method	· /~
Fuzzy logic based e	Fuzzy logic based emergency flight control with thrust vectoring	
Wireless spread sp	Wireless spread spectrum ground link-based aircraft data communication system with variabl	О т
Decision support sy Wireless spread sp	Decision support system for the management of an aglie supply chain. Wireless spread spectrum ground link-based aircraft data communication system for engine (20001114 455/66.1
System for dynamic	System for dynamic diagnosis of apparatus operating conditions	
Answer collection ar	Answer collection and retrieval system governed by a pay-off meter	705/1
Apparatus and meth	Apparatus and method for automatically performing fluid changes	
Integrated automate		
Wethod and apparat	Method and apparatus for estimation of relative cylinder compression balance by cranking sp Exhaust emission control apparatus for internal combustion engine	20000302 /3/116
Computer aided mai	Exitatist ettiission wintenance and repair information system for equipment subject to regulate	
Decision support sys		-
System and method	System and method of playing games and rewarding successful players	_
Variable displacement diesel engine		_
Computer aided mai	Computer aided maintenance and repair information system for equipment subject to regulate	
Central and remote evaluation of resp	Central and remote evaluation of responses of participatory broadcast audience with automal Method and system for engine control	19980602 463/40 19980331 123/436
Integrated automated vehicle analysis	d vehicle analysis	
System and method for playing games	for playing games and rewarding successful players	9
Integrated automated vehicle analysis	ed vehicle analysis	
Methods for the des	Methods for the design, quality control, and management of fatigue-limited metal components	
Security method for	Security method for protecting electronically stored data	19970225 340/5.74
Generation of enlar	Object-onemed architecture for factory floor management. Generation of enlarged participatory broadcast audience	19960416 725/24
Method and system for engine control	for engine control	_
Engine ignition timing device	ng device	
Object-oriented arcl	Object-oriented architecture for factory floor management	-
Apparatus for contro	Apparatus for controlling pressure within fuel tank	_
Integrated quality co		•
Method of shift con	trol during a coastdown shift for an electronic automatic transmission syste	19930518 475/123
System and method	Noise control device for a soleriold-actuated valve. System and method of load sharing control for automobile	701/32
Electronically-control	Electronically-controlled, adaptive automatic transmission system	
Integrated certificat	Integrated certification-calibration system for a testing system having multiple test instruments	2
Integrated certificat	Integrated certification-calibration system for a testing system having multiple test instruments	19920107 701/35
Double-acting spriit Use of diodes in an	Double-acting spring in an automatic transfership. Use of diodes in an input circuit to take advantage of an active pull-down network provided in	

19910305 701/51 19910212 700/298 19910205 701/62 19910108 74/731.1 19901225 361/154 19900925 701/51 19900911 123/179.3 19900731 477/155			20060413 701/106 20060302 703/9 20050922 702/185 20050324 123/458 20040729 702/189 20040617 702/189 20030904 701/101 20030508 60/277 20030306 701/100 20060523 123/90.16 20060502 702/183 20060418 702/182
Electronic controller for an automatic transmission Utilization of a reset output of a regulator as a system low-voltage inhibit Shutdown relay driver circuit Method of learning for adaptively controlling an electronic automatic transmission system Open loop control of solenoid coil driver Pressure balanced pistons in an automatic transmission Dual regulator for reducing system current during at least one mode of operation Circuit for determining the crank position of an ignition switch by sensing the voltage across th Method of applying reverse gear in an automatic transmission	Method of adaptively scheduling a shift for an electronic automatic transmission system Method of universally organizing shifts for an automatic transmission Cam-controlled manual valve in an automatic transmission Push/pull clutch apply piston of an automatic transmission Park locking mechanism for an automatic transmission Fluid switching manually between valves in an automatic transmission	Solenoid-actuated valve arrangement for a limp-home mode of an automatic transmission Electronically-controlled, adaptive automatic transmission system Remote cable pair cross-connect system Remote cable pair cross-connect system Method for reducing gas turbine NO.sub.x emissions Mileage recording and service reminding accessory for a shared-use vehicle Automatic transmission for automobiles Engine test method Method of charge control for vehicle hybrid drive batteries Engine module life tracking system Engine module life tracking system Engine tester display and printing techniques Crankshaft governor of an internal combustion engine METHOD OF PROVIDING SERVICE INFORMATION ON OVERHAULING OF AIRCRAFT El Service information provision method for overhaul of aircraft engine, involves retrieving engin Service event time and cost predicting system for aircraft engine, automobile, processes serv Aviation parts and services system (APS) for providing service to aircraft turbine engine, retrie Object-oriented architecture for development of software systems - comprises interface serve Overhead valve engine Oil testing apparatus	Fuel property-adaptive engine control system with on-board fuel classifier Bootstrap data methodology for sequential hybrid model building Method and apparatus for comparing a data set to a baseline value Method and system for removing very low frequency noise from a time-based data set FUEL PRESSURE CONTROL APPARATUS FOR CYLINDER INJECTION TYPE INTERNAL Method and system for trend detection and analysis Systems and methods for diagnosing the cause of trend shifts in performance data Exhaust-gas purification system with delayed recording of measured values and method for of Diagnostic method and system for turbine engines Method for diagnosing the operational state of a two-step variable valve lift device Method and system for trend detection and analysis Systems and methods for diagnosing the cause of trend shifts in performance data
	S 4938102 S 4938167 S 4916961 S 4915204 S 4907681 S 4907681	S 488 S 488 S 488 S 483 S 483 S 435 S 5 S 6 S 7 S 7 S 8 S 7 S 8 S 8 S 8 S 8 S 8 S 8 S 8 S 8 S 8 S 8	US 20060080025 A US 20060047487 A US 20050209823 A US 20050209821 A US 20050061297 A US 20040117150 A US 20030167118 A US 20030045992 A US 20030045992 A US 7039554 B1 US 7039554 B2 US 7031878 B2

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20050510 123/514 20050315 123/430 20040309 60/276 20040203 701/100 20030610 398/115	<u> </u>	4 0 0 0			_ ,	198/1110 123/35/ 19860325 123/306 19850917 701/1 19820817 123/306 19820504 701/102 19800729 701/100 19790619 701/100
Fuel pressure control apparatus for cylinder injection type internal combustion engine Engine control using torque estimation Exhaust-gas purification system with delayed recording of measured values and method for d Diagnostic method and system for turbine engines Optical-frequency communications system for aircraft	Wireless spread spectrum ground link-based aircraft data communication system for engine control system for cylinder injection type internal combustion engine Fuel control system for cylinder injection type internal combustion engine Air/fuel ratio manipulation code for optimizing dynamic emissions	Wireless spread spectrum ground link-based aircraft data communication system for engine of Fuel feeding system for internal combustion engine. Cylinder pressure based air-fuel ratio and engine control. Engine degradation detector.	Engine control system and method Cylinder pressure based air-fuel ratio and engine control Engine control system and method Method for using sonic gas-fueled internal combustion engine control system	Methods and apparatus for performing combustion analysis in an internal combustion engine Manifold flow turning vanes in internal combustion engines Apparatus and method for internal-combustion engine control Acoustic natural gas fuel sensor	Autuate dependent fuel injection unfining Gas turbine engine control system having integral flight Mach number synthesis method Engine trim control unit Multilevel classifier structure for gas turbine engines Method and system for monitoring and displaying engine performance parameters Aircraft energy loading method and apparatus	Apparatus and method for controlling amount of fuel injected into engine cylinders High swirl very low pollution piston engine employing optimizable vorticity metering Device for controlling a vehicle charging system High swirl very low pollution piston engine employing optimizable vorticity Apparatus for evaluating the performance of an internal combustion engine using exhaust ga Real time performance monitoring of gas turbine engines Gas turbine engine trim test set apparatus Aircraft engine baseline modeling method involves relating engine performance variables fror
US 6889666 B2 US 6866024 B2 US 6701706 B2 US 6687596 B2 US 6577419 B1	6353734 6240894 6223716 6151547	6148179 5918578 5878717 5869752	5778857 5765532 5738074 5697346	\$ 5687082 \$ 5662079 \$ 5595060 \$ 5537854	5394689 5168447 H001006 5050081 4809174	US 4705000 A US 4577602 A US 4542462 A US 4344394 A US 4328546 A US 4215412 A US 4158884 A US 20030036891 A